

1. An apparatus for recording block address information, the apparatus comprising:
a processing node configured to operate on a network and further configured to record block address information, the processing node comprising:
a response module configured to receive a tracking command;
an extraction module configured to extract block address information from the tracking command; and
a log module configured to record the block address information on a tracking log and transfer the block address information to a location on the network.
2. The apparatus of claim 1, wherein the tracking log comprises at least one bitmap.
3. The apparatus of claim 1, wherein the block address information further comprises metadata.
4. The apparatus of claim 1, wherein the block address information further comprises time and date information.
5. The apparatus of claim 1, wherein the log module is further configured to read a tracking log.
6. The apparatus of claim 5, wherein the log module is further configured to transfer information from the tracking log to the network.
7. The apparatus of claim 1, wherein the processing node further comprises a restoration module configured to read memory blocks identified by information within the tracking log.

8. A method for logging block address information, the method comprising:
 - extracting block address information contained in a tracking command;
 - recording the block address information in a tracking log; and
 - transferring the block address information to a location on the network.
9. The method of claim 8, wherein recording the block address information comprises writing at least one bitmap.
10. The method of claim 8, further comprising reading data blocks on a primary volume identified by information contained in the tracking log.
11. The method of claim 8, wherein recording the block address information further comprises writing date and time information.
12. The method of claim 8, further comprising writing data blocks identified by information contained in the tracking log to a secondary volume.
13. An apparatus for logging block address information, the apparatus comprising:
 - means for extracting block address information from a tracking command;
 - means for recording the block address information on a tracking log; and
 - means for transferring the block address information from the tracking log to a location on the network.
14. The apparatus of claim 13, further comprising a means for reading data blocks on a primary volume identified by information contained in a tracking log.

15. The apparatus of claim 13, further comprising a means for writing data blocks identified by information contained in a tracking log to a secondary volume.

16. A system for shared data mirroring, the system comprising:

a network comprising at least one host and a plurality of storage devices;

at least one backup component;

a data mirror comprising at least one primary volume and at least one secondary volume; and

a processing node on the network, the processing node configured to record block address information, the processing node comprising:

a response module configured to receive a tracking command and respond with status;

an extraction module configured to extract block address information from the tracking command; and

a log module configured to record the block address information on a tracking log and transfer log and transfer the block address information to a location on the network tracking log.

17. The system of claim 16 wherein the host is configured to issue forked writes.

18. A computer readable storage medium embodying one or more instructions executable by a processor to perform a method for logging block address information, the method comprising:

extracting block address information from a tracking command;

writing the block address information to a tracking log; and

transferring the block address information from the tracking log.

19. The computer readable storage medium of claim 18, wherein the recording of block address information comprises writing at least one bitmap.

20. The computer readable storage medium of claim 18, further comprising reading data blocks on a primary volume identified by information contained in the tracking log.

21. The computer readable storage medium of claim 18, further comprising writing data blocks identified by information contained in the tracking log to a secondary volume.